REPLACEMENT Drawing Sheet 3 of 19
FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE Title:

MICROSTIP ANTENNA

Inventor: Karam Michael Noujeim

Appl. No.: 10/600,293

Filing Date: 06/20/03 Telephone No.: 415-362-3800 Docket No.: ANRI-8055US0

Attorney: Stephen R. Bachmann



<u>200</u>

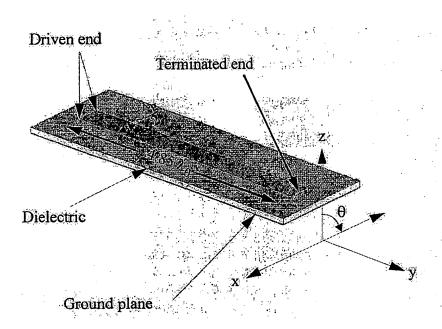


FIG. 2 Prior Art

REPLACEMENT Drawing Sheet 4 of 19
FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE
MICROSTIP ANTENNA Title:

Inventor: Karam Michael Noujeim Appl. No.: 10/600,293

Docket No.: ANRI-8055US0

Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>300</u>

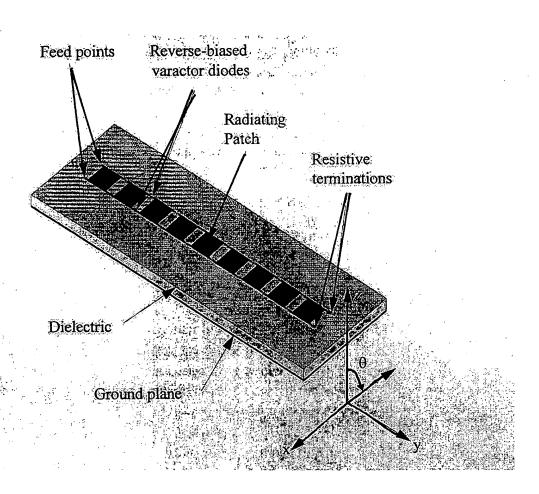


FIG. 3 Prior Art

REPLACEMENT Drawing Sheet 5 of 19
FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE
MICROSTIP ANTENNA

Inventor: Karam Michael Noujeim Appl. No.: 10/600,293

Docket No.: ANRI-8055US0 Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>400</u>

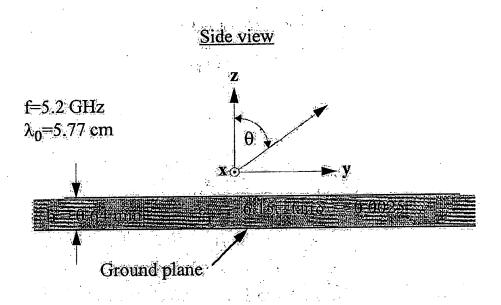


FIG. 4a Prior Art

REPLACEMENT Drawing Sheet 6 of 19
FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE
MICROSTIP ANTENNA Title:

Inventor: Karam Michael Noujeim Appl. No.: 10/600,293
Docket No.: ANRI-8055US0

Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>450</u>

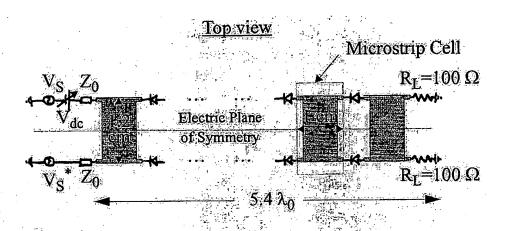


FIG. 4b Prior Art

REPLACEMENT Drawing Sheet 7 of 19

Title: FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE MICROSTIP ANTENNA

Inventor: Karam Michael Noujeim

Appl. No.: 10/600,293 Filing Date: 06/20/03

Docket No.: ANRI-8055US0 Telephone No.: 415-362-3800

Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>500</u>

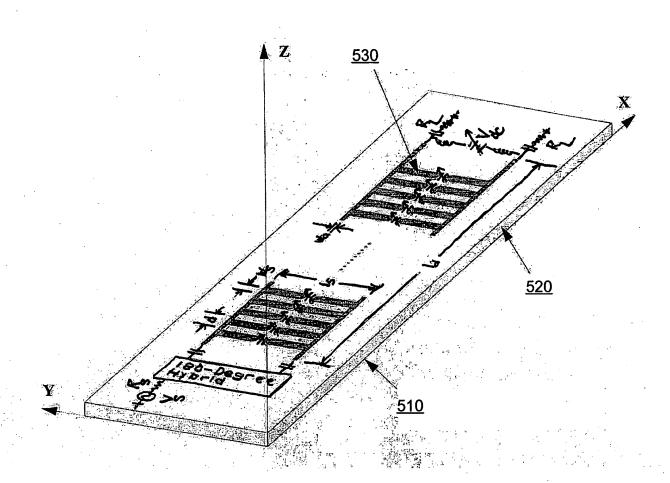


FIG. 5

REPLACEMENT Drawing Sheet 9 of 19

Title: FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE MICROSTIP ANTENNA
Inventor: Karam Michael Noujeim
Appl. No.: 10/600,293 Filing Date: 06/20/03
Docket No.: ANRI-8055US0 Telephone No.: 415-362-3800
Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>700</u>

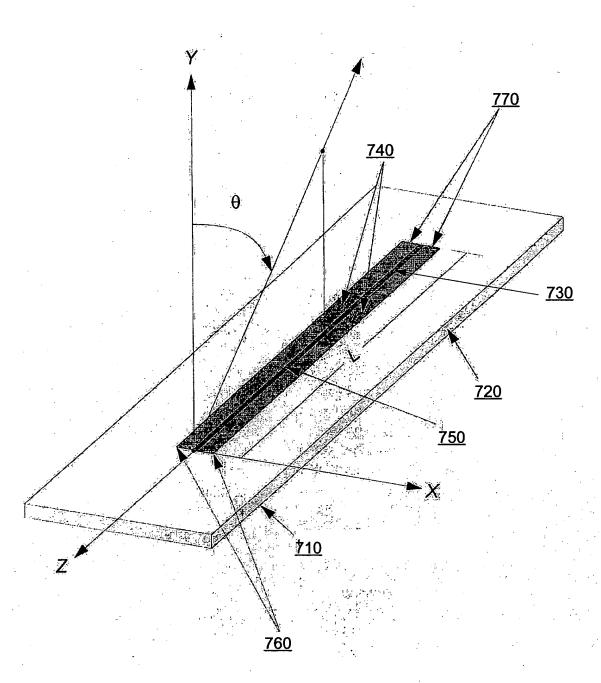


FIG. 7

REPLACEMENT Drawing Sheet 10 of 19FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE Title:

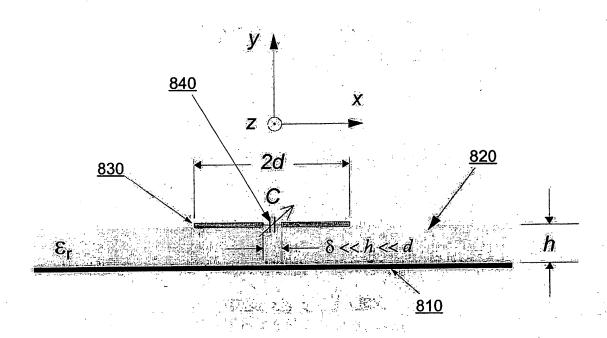
MICROSTIP ANTENNA

Inventor: Karam Michael Noujeim

Appl. No.: 10/600,293
Docket No.: ANRI-8055USO
Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800

<u>800</u>



<u>FIG. 8a</u>

REPLACEMENT Drawing Sheet 11 of 19
FIXED-FREQUENCY BEAM-STEERABLE LEAKY-WAVE
MICROSTIP ANTENNA Title:

Inventor: Karam Michael Noujeim

Appl. No.: 10/600,293
Docket No.: ANRI-8055US0
Attorney: Stephen R. Bachmann

Filing Date: 06/20/03 Telephone No.: 415-362-3800



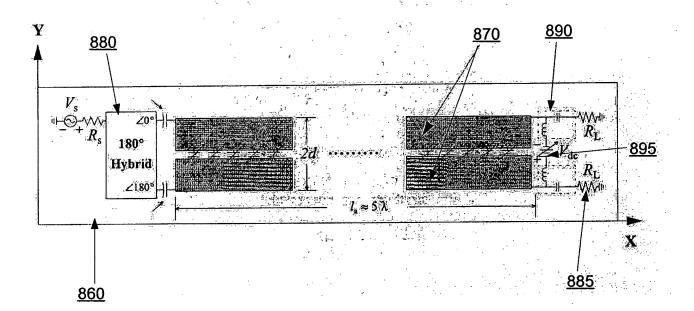


FIG. 8b